

Vertical Lifting Clamp TS/TSE/STS

Product information



For vertical lifting and transporting of steel plates and structures. The TS lifting clamps are equipped with a safety mechanism, ensuring the clamp does not slip when lifting force is applied and when load is being lowered. The clamp is locked in closed as well as in open position. TSE / STS types are supplied with enlarged jaw opening.

Features:

- Lightweight design for easy handling.
- Tough quality heavy duty welded shell body.
- Always equipped with a safety mechanism, ensuring the clamp does not slip when lifting force is applied and when load is being lowered.
- Clamp is locked in closed as well as open position.
- Maintenance-friendly, easy to exchange parts which are available upon request .
- Signal colouring on lifting eye and locking lever for extra safety.

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Marking: According to standard, CE-marked, Type, serial number, WLL, Jaw opening.

Temperature range: - 40°C up to +100°C

Standard: EN 13155

Note: Hardness level of the material surface may not exceed 37 HRC (345 HB, 1166 N/mm²).

Warning: Min. load is 10% of max. WLL.

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Blueprint



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Technical data

| Part code | Code | WLL ton | Jaw width mm | S mm | T mm | U mm | V mm | W mm | X mm | Y mm | Weight kg |
|-----------------|---------|---------|--------------|------|------|------|------|------|------|------|-----------|
| 502100080130580 | 0.75 TS | 0.75 | 0-13 | 47 | 30 | 202 | 100 | 37 | 37 | 10 | 1.7 |
| 502100100250580 | 1 TSE | 1 | 0-25 | 56 | 45 | 263 | 141 | 37 | 47 | 15 | 3.5 |
| 502100200350580 | 2 TSE* | 2 | 0-35 | 78 | 64 | 336 | 183 | 56 | 56 | 16 | 7 |
| 502100300350580 | 3 TSE* | 3 | 0-35 | 78 | 64 | 336 | 183 | 56 | 56 | 16 | 7 |
| 502100450250580 | 4.5 TS | 4.5 | 0-25 | 85 | 70 | 423 | 203 | 60 | 77 | 20 | 15 |
| 502100450450580 | 4.5 TSE | 4.5 | 0-45 | 85 | 70 | 425 | 228 | 60 | 78 | 20 | 16 |
| 502100600320580 | 6 TS | 6 | 0-32 | 114 | 75 | 490 | 225 | 78 | 78 | 20 | 19 |
| 502100600500580 | 6 TSE | 6 | 0-50 | 114 | 75 | 490 | 259 | 82 | 78 | 20 | 21 |
| 502100600900580 | 6 STS | 6 | 40-90 | 114 | 75 | 486 | 275 | 70 | 78 | 20 | 21 |
| 502100750400580 | 7.5 TS | 7.5 | 0-40 | 111 | 75 | 530 | 246 | 76 | 82 | 20 | 24 |
| 502100750550580 | 7.5 TSE | 7.5 | 0-55 | 111 | 75 | 522 | 267 | 70 | 86 | 20 | 26 |
| 502100751000580 | 7.5 STS | 7.5 | 50-100 | 111 | 75 | 524 | 312 | 70 | 86 | 20 | 26.5 |
| 502100900550580 | 9 TS | 9 | 0-55 | 111 | 75 | 522 | 267 | 70 | 86 | 20 | 27 |
| 502100901000580 | 9 STS | 9 | 50-100 | 111 | 75 | 522 | 312 | 70 | 86 | 20 | 27.5 |
| 502101200520580 | 12 TS | 12 | 0-52 | 148 | 85 | 617 | 295 | 100 | 94 | 44 | 37 |
| 502101201000580 | 12 STS | 12 | 50-100 | 152 | 85 | 615 | 344 | 100 | 94 | 44 | 41 |
| 502101500760580 | 15 TS | 15 | 0-76 | 209 | 86 | 810 | 373 | 136 | 106 | 49 | 70 |
| 502101501500580 | 15 STS | 15 | 80-150 | 224 | 86 | 800 | 450 | 136 | 106 | 49 | 76 |
| 502101700760580 | 17 TS | 17 | 0-76 | 209 | 86 | 810 | 373 | 136 | 106 | 49 | 71 |
| 502102000800580 | 20 TS | 20 | 0-80 | 250 | 100 | 933 | 563 | 153 | 140 | 66 | 149 |
| 502102001500580 | 20 STS | 20 | 80-150 | 249 | 100 | 924 | 640 | 153 | 140 | 66 | 160 |
| 502102500850580 | 25 TS | 25 | 5-85 | 250 | 100 | 925 | 563 | 148 | 140 | 66 | 149 |
| 502102501500580 | 25 STS | 25 | 80-150 | 249 | 100 | 924 | 640 | 153 | 140 | 66 | 160 |
| 502103000900580 | 30 TS | 30 | 10-90 | 250 | 100 | 918 | 568 | 153 | 142 | 66 | 155.5 |
| 502103001500580 | 30 STS | 30 | 80-150 | 249 | 100 | 906 | 645 | 156 | 142 | 66 | 165.5 |